



OIPE

## RAW SEQUENCE LISTING

DATE: 11/04/2003

PATENT APPLICATION: US/10/036,918B

TIME: 10:03:39

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\11032003\J036918B.raw

2 <110> APPLICANT: Srinivasan, Ananthachari  
 3 Erion, Jack L.  
 4 Schmidt, Michelle A.  
 6 <120> TITLE OF INVENTION: LABELED NEUROTENSIN DERIVATIVES  
 8 <130> FILE REFERENCE: 1405Q  
 10 <140> CURRENT APPLICATION NUMBER: US/10/036,918B  
 C--> 11 <141> CURRENT FILING DATE: 2001-12-21  
 13 <150> PRIOR APPLICATION NUMBER: 60/140,913  
 14 <151> PRIOR FILING DATE: 1999-06-23  
 16 <150> PRIOR APPLICATION NUMBER: 60/213,068  
 17 <151> PRIOR FILING DATE: 2000-06-21  
 19 <160> NUMBER OF SEQ ID NOS: 6  
 21 <170> SOFTWARE: PatentIn Ver. 2.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 13  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 W--> 28 <220> FEATURE: Derived from Homo sapiens *2237*  
 29 <221> NAME/KEY: MOD\_RES  
 30 <222> LOCATION: (1)  
 31 <223> OTHER INFORMATION: Pyroglutamic acid.  
 33 <400> SEQUENCE: 1  
 W--> 34 Xaa Leu Tyr Glu Asn Lys Pro Arg Arg Pro Tyr Ile Leu  
 35 1 5 10  
 37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 6  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <221> NAME/KEY: MOD\_RES  
 44 <222> LOCATION: (1)  
 45 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this  
 residue.  
 47 <220> FEATURE:  
 48 <221> NAME/KEY: MOD\_RES  
 49 <222> LOCATION: (1)..(2)  
 50 <223> OTHER INFORMATION: These two residues are joined by a pseudo peptide bond.  
 52 <220> FEATURE:  
 53 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide with a  
 pseudopeptide  
 54 bond.  
 56 <400> SEQUENCE: 2  
 57 Lys Arg Pro Tyr Ile Leu  
 58 1 5

*move down. Do not insert a  
 response to <220>.*  
**Does Not Comply**  
**Corrected Diskette Needed**

60 <210> SEQ ID NO: 3

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61 <211> LENGTH: 6
62 <212> TYPE: PRT
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <221> NAME/KEY: MOD_RES
67 <222> LOCATION: (1)
68 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this
residue.
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
73 <400> SEQUENCE: 3
74 Arg Arg Pro Tyr Ile Leu
75 1 5
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 8
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (1)
85 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this
residue.
87 <220> FEATURE:
88 <221> NAME/KEY: MOD_RES
89 <222> LOCATION: (1)
90 <223> OTHER INFORMATION: This residue is piperidinylglycine.
94 <220> FEATURE:
95 <221> NAME/KEY: MOD_RES
96 <222> LOCATION: (3)
97 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.
99 <220> FEATURE:
100 <221> NAME/KEY: MOD_RES
101 <222> LOCATION: (7)
102 <223> OTHER INFORMATION: This residue is t-butylglycine.
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
107 <400> SEQUENCE: 4
W--> 108 Xaa Pro Xaa Arg Pro Tyr Xaa Leu
109 1 5
111 <210> SEQ ID NO: 5
112 <211> LENGTH: 8
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
119 <220> FEATURE:
120 <221> NAME/KEY: MOD_RES
121 <222> LOCATION: (1)
122 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to
this residue.
124 <220> FEATURE:
125 <221> NAME/KEY: MOD_RES

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## RAW SEQUENCE LISTING

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Input Set : A:\PTO.YF.txt

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126 <222> LOCATION: (1)  
 127 <223> OTHER INFORMATION: This residue is trans-(4-aminomethyl) cyclohexylalanine.  
 129 <220> FEATURE:  
 130 <221> NAME/KEY: MOD\_RES  
 131 <222> LOCATION: (3)  
 132 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.  
 134 <220> FEATURE:  
 135 <221> NAME/KEY: MOD\_RES  
 136 <222> LOCATION: (7)  
 137 <223> OTHER INFORMATION: This residue is t-butylglycine.  
 139 <400> SEQUENCE: 5  
**W--> 140 Xaa Pro Xaa Arg Pro Tyr Xaa Leu**  
 141 1 5  
 143 <210> SEQ ID NO: 6  
 144 <211> LENGTH: 8  
 145 <212> TYPE: PRT  
 146 <213> ORGANISM: Artificial Sequence  
 148 <220> FEATURE:  
 149 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.  
 151 <220> FEATURE:  
 152 <221> NAME/KEY: MOD\_RES  
 153 <222> LOCATION: (1)  
 154 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to  
 this residue.  
 156 <220> FEATURE:  
 157 <221> NAME/KEY: MOD\_RES  
 158 <222> LOCATION: (1)  
 159 <223> OTHER INFORMATION: This residue is piperidinylalanine.  
 161 <220> FEATURE:  
 162 <221> NAME/KEY: MOD\_RES  
 163 <222> LOCATION: (3)  
 164 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.  
 166 <220> FEATURE:  
 167 <221> NAME/KEY: MOD\_RES  
 168 <222> LOCATION: (7)  
 169 <223> OTHER INFORMATION: This residue is t-butylglycine.  
 171 <400> SEQUENCE: 6  
**W--> 172 Xaa Pro Xaa Arg Pro Tyr Xaa Leu**  
 173 1 5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/036,918B

DATE: 11/04/2003  
TIME: 10:03:40

Input Set : A:\PTO.YF.txt  
Output Set: N:\CRF4\11032003\J036918B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1  
Seq#:4; Xaa Pos. 1,3,7  
Seq#:5; Xaa Pos. 1,3,7  
Seq#:6; Xaa Pos. 1,3,7

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:2; Line(s) 53

**VERIFICATION SUMMARY**

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TIME: 10:03:40

Input Set : A:\PTO.YF.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:28 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0